

PTO/SB/52 (08-00)

Approved for use through 12/30/2000. OMB 0851-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

37 C.F.R. 1.175

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE

Docket Number (optional)

FUJS 13.045A

I hereby declare that:

My residence and mailing address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: FUJITSU LIMITED
General Manager of Patent Division,
and the title of my position with said assignee is: Intellectual Property Department

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

TAKANORI IWAMATSU and HIROYUKI KIYANAGI

Patent Number

5,867,542

Date of Patent Issued

February 2, 1999

Title of Invention

CLOCK PHASE DETECTING CIRCUIT AND CLOCK REGENERATING CIRCUITS

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled _____

(As above)

the specification of which

☒ is attached hereto., with a concurrently filed Preliminary Amendment☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

Failed to provide generic claim in original patent.

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Filed by Express Mail

(Receipt No. 6152239821745)on January 26, 2001

pursuant to 37 C.F.R. 1.10.

by Patricia Saunders

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

3

PTO/SB/52 (08-00)

Approved for use through 12/30/2000. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE				Docket Number (Optional) FUJS 13.045A	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.					
Name(s)		Registration Number			
AARON KARAS		18,923			
SAMSON HELFGOTT		23,072			
LEONARD COOPER		27,625			
BRIAN S. MYERS		46,947			
Correspondence Address: Direct all communications about the application to:					
<input type="checkbox"/> Customer Number		<div style="border: 1px solid black; width: 150px; height: 20px;"></div>		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Place Customer Number Bar Code Label Here </div>	
		Type Customer Number Here			
OR					
<input checked="" type="checkbox"/> Firm or Individual Name		HELFGOTT & KARAS			
Address		350 FIFTH AVENUE - SUITE 6024			
Address		EMPIRE STATE BUILDING			
City		NEW YORK		State	N.Y.
				Zip	10118
Country		UNITED STATES OF AMERICA			
Telephone		(212) 643-5000		Fax	(212) 643-2166
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of person signing (given name, family name) Hideo OZAWA					
Signature <i>Hideo Ozawa</i>				Date January 24, 2001	
Address of Assignee FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan					
Patentee TAKANORI IWAMATSU				Citizenship JAPAN	
Residence/Mailing Address Kawasaki, Japan					
Patentee HIROYUKI KYANAGI				Citizenship JAPAN	
Residence/Mailing Address Sendai, Japan					
<input type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.					

FO.144.9411138-US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

FUJS 13.045A

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 5,867,542, granted February 2, 1999, and for which a

reissue patent is sought on the invention entitled CLOCK PHASE DETECTING CIRCUIT AND CLOCK REGENERATING CIRCUIT EACH ARRANGED IN RECEIVING UNIT...

the specification of which

☒ is attached hereto, with a concurrently filed Preliminary Amendment

☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Failed to provide generic claim in original patent.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

Filed by Express Mail
(Receipt No. 6252398279)
on January 26, 2001
pursuant to 37 C.F.R. 1.40.
by Patricia Saunders

5
Pg 1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
FUJS 13.045A

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)	Registration Number
LEONARD COOPER	27,625
AARON KARAS	18,923
SAMSON HELFGOTT	23,072

Correspondence Address: Direct all communications about the application to:

☐ Customer Number → Place Customer Number Bar Code Label here
Type Customer Number here

<input checked="" type="checkbox"/> Firm or Individual Name	HELFGOTT & KARAS				
Address	EMPIRE STATE BUILDING				
Address	350 FIFTH AVENUE - SUITE 6024				
City	NEW YORK	State	NEW YORK	Zip	10118
Country	UNITED STATES OF AMERICA				
Telephone	(212) 643-5000	Fax	(212) 643-2166		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

TAKANORI IWAMATSU

Inventor's signature	Date
Residence Kawasaki-shi, Kanagawa	Citizenship JAPAN

Mailing Address c/o FUJITSU LIMITED, KAMIKODANAKA, NAKAHARA_KU, KAWASAKI_SHI, KANAGAWA 216, JAPAN

Full name of second joint inventor (given name, family name)

HIROYUKI KYANAGI

Inventor's signature	Date
Residence Sendai-shi, Miyagi, Japan	Citizenship JAPAN

Mailing Address c/o FUJITSU TOHOKU DIGITAL TECHNOLOGY LTD. 2-25, 1BANCHO 1 CHOME, AOBA_KU, SENDAI-SHI, MIYAGI 980 JAPAN

Full name of third joint inventor (given name, family name)

Inventor's signature	Date
Residence	Citizenship
Mailing Address	

☐ Additional joint inventors are named on separately numbered sheets attached hereto.

5
Pg 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: FUJITSU LIMITEDApplication No./Patent No.: 5,867,542 Filed/Issue Date: February 2, 1999Entitled: CLOCK DETECTING CIRCUIT AND CLOCKFUJITSU LIMITED, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 7778, Frame 0926, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

January 24, 2001

Date

Hideo OZAWA

Typed or printed name

Hideo Ozawa
Signature
General Manager of Patent Division,
Intellectual Property Department

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

Filed by Express Mail

(Receipt No. EL52239821795
on January 26, 2001
pursuant to 37 C.F.R. 1.10.
by Theresa Saunders

6

PTO/SB/93 (10-00)

Approved for use through 12/30/2000, OMB 0661-0033
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REISSUE APPLICATION: CONSENT OF ASSIGNEE;
STATEMENT OF NON-ASSIGNMENT**Docket Number (Optional)
FUJS 13.045A

This is part of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s) **TAKANORI IWAMATSU and HIROYUKI KIYANAGI**Patent Number
5,867,542Date Patent Issued
02/02/99Title of Invention
CLOCK PHASE DETECTING CIRCUIT AND...

1. ☒ Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)
2. ☐ Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.

One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".

The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.

The assignee(s) owning an undivided interest in said original patent is/are FUJITSU LIMITED, and the assignee(s) consents to the accompanying application for reissue.Name of assignee/inventor (if not assigned)
FUJITSU LIMITED

Signature

Hideo Ozawa

Date

January 24, 2001

Typed or printed name and title of person signing for assignee (if assigned)

**Hideo OZAWA,
General Manager of Patent Division, Intellectual Property Department**

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

Filed by Express Mail
(Receipt No. EL5223982174S)
on January 26, 2001
pursuant to 37 C.F.R. 1.10.
by Theresa Saunders

4